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Science and Technology for Tomorrow's Aerospace Forces

Success Story

DR. DEE H. ANDREWS RECEIVES THE "BRITISH SILVER MEDAL"

Mr. Trevor Truman, Royal Aeronautical Society President, presented the British Silver Medal to Dr. Dee H. Andrews (left) "in recognition of his considerable contribution to research in the field of warfighter training research and systems." Dr. Andrews received the award during the 89th Wilbur and Oliver Wright Lecture and Awards Ceremony at the society headquarters in London, England.

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Accomplishment

As division technical advisor for the Human Effectiveness Directorate's Warfighter Training Research Division, Dr. Andrews received the British Silver Medal for his contributions to the distributed mission training (DMT), research and development program. DMT uses various simulation, instructional, and networking technologies to create a synthetic battlefield allowing warfighters to train as they intend to fight. DMT is not only revolutionizing training in the US Air Force, but also significantly impacting the training strategies of many allied air forces, especially in North Atlantic Treaty Organization countries and Australia.

Background

Dr. Andrews and the Warfighter Training Research Division conceived the idea of linking virtual (simulator), live assets, and constructive models to create a synthetic battlefield that allows warfighters to train on an on-demand basis. The directorate developed and improved many of the technical approaches necessary to make DMT possible. As warfighters become proficient at tactical mission tasks in highly realistic simulation environments (missions which are difficult to accomplish on training ranges, such as four-ship aircraft vs. multi-ship aircraft engagements), pilots require less time practicing these skills when they actually utilize the training ranges.

Benefits of DMT include increased combat effectiveness by warfighters who will learn and practice mission critical skills more effectively and frequently, reduced training cost due to less use of operational equipment, longer life for weapon systems, and more accurate measurement of critical skill levels for mission teams.

Human Effectiveness
Awards and Recognition

Additional information

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